

Dipole-dipole interaction of two atoms in the field of squared pulses

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Abstract

A dipole-dipole interaction between two identical atoms in the field of squared pulses is examined. The polarization of the system corresponding to the $2s \rightarrow 3p$ transition at various initial states of the atoms is calculated. © 2005 Springer Science+Business Media, Inc.

<http://dx.doi.org/10.1007/s11182-005-0154-6>
